

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084897 A1

(51) International Patent Classification⁷:

B27L 1/04

(21) International Application Number:

PCT/FI2005/050044

(22) International Filing Date: 22 February 2005 (22.02.2005)

(25) Filing Language:

Finnish

(26) Publication Language:

English

(30) Priority Data:

20040360 5 March 2004 (05.03.2004) FI

(71) Applicant (for all designated States except US): METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FI-00130 HELSINKI (FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): JONKKA, Arvo [FI/FI]; Mäntytatu 20, FI-28430 PORI (FI).

(74) Agent: OY JALO ANT-WUORINEN AB; Iso Roorertinkatu 4-6 A, FI-00120 HELSINKI (FI).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

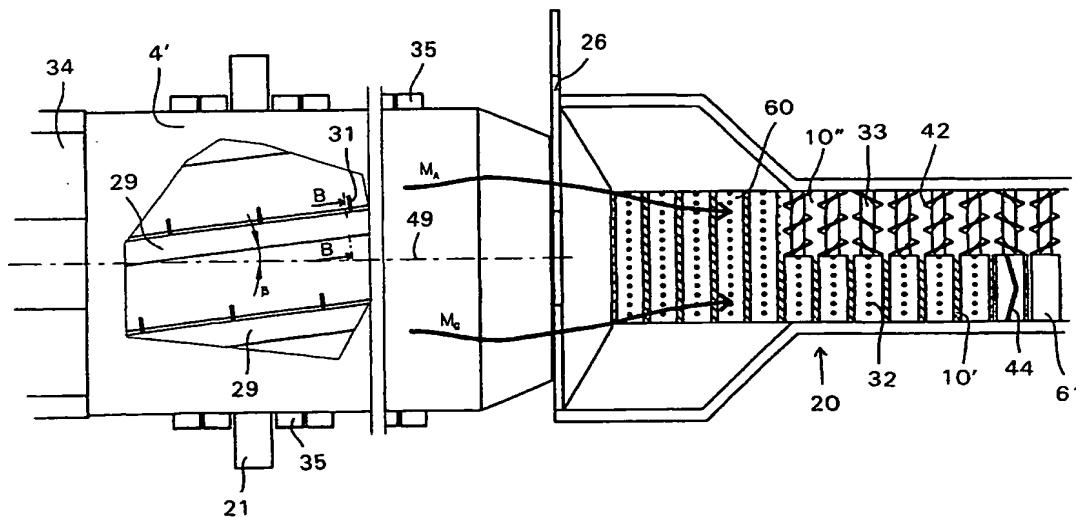
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR DRUM DEBARKING OF WOOD



(57) Abstract: The invention concerns a method and an apparatus for drum debarking of wood, the bark being removed from the wood in a debarking drum being rotatable alternatively in the opposite directions and having different debarking properties in the alternative directions of rotation thereof. According to the invention, the wood and the loosened bark along with it are guided to a bark separation dependent on the direction of rotation of the debarking drum.

WO 2005/084897 A1